

Speed is measured in different ways in different countries. Some countries use miles per hour (m.p.h), while some use kilometres per hour (k.p.h.). Why might this cause problems?

UK speed limit in built-up areas:
30 m.p.h. (48 k.p.h.)

France speed limit in built-up areas:
50 k.p.h. (31 m.p.h.)

Temperature is measured in different ways in different countries. Some countries use degrees Celsius ($^{\circ}\text{C}$), while some use degrees Fahrenheit ($^{\circ}\text{F}$). Why might this cause problems?

Average temperature in London in July: 19°C (66°F)

Average temperature in New York in July: 76°F (25°C)

Length is measured in different ways in different countries. Some countries use centimetres (cm) and metres (m), while some use inches (in.) and feet (ft.). Why might this cause problems?

Average height of women in England:
5 ft. 3.5 in. (161.9 cm)

Average height of women in Cambodia: 152.4 cm (5 ft. 0 in.)

Weight is measured in different ways in different countries. Some countries use grams (g) and kilograms (kg), while some use pounds (lb) and stone (st). Why might this cause problems?

Average weight of a man in England:
13 st 2 lb (83 kg 6 g)

Average weight of a man in South Korea: 68 kg 6 g (10 st 11 lb)

Capacity is measured in different ways in different countries. Some countries use fluid ounces (fl oz), pints (pt) and gallons (gal), while some use millilitres (ml) and litres (l). Why might this cause problems?

Largest size drink available in McDonalds UK: 500 ml (17 fl oz)


Largest size drink available in McDonalds USA: 30 fl oz (887 ml)

Area is measured in different ways in different countries. Some countries use hectares (ha), while some use acres (ac). Why might this cause problems?

Average field size UK:
140 ac (57 ha)

Average field size US:
95 ha (234 ac)

One of the weights found in the Indus Valley was approximately 28 grams.
What can you find that weighs 30 grams?



One of the weights found in the Indus Valley was approximately 56 grams.
What can you find that weighs 60 grams?



One of the weights found in the Indus Valley was approximately 140 grams.
What can you find that weighs 140 grams?



One of the weights found in the Indus Valley was approximately 280 grams.
What can you find that weighs 280 grams?



One of the weights found in the Indus Valley was approximately 560 grams.
What can you find that weighs 560 grams?

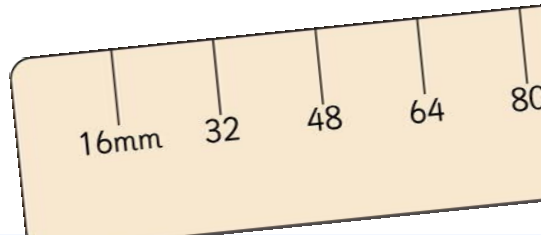


One of the weights found in the Indus Valley was approximately 1400 grams.
What can you find that weighs 1400 grams?



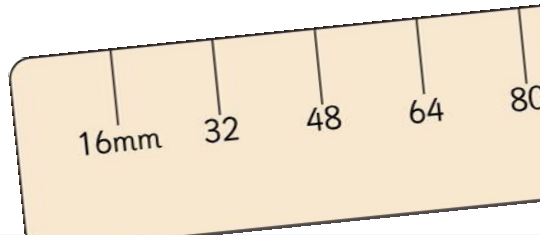
Can you make an Indus Valley ruler?

Indus Valley rulers should increased in increments of 1.6 mm, but this is a very small measurement! Your ruler can increase in increments of 16 mm.



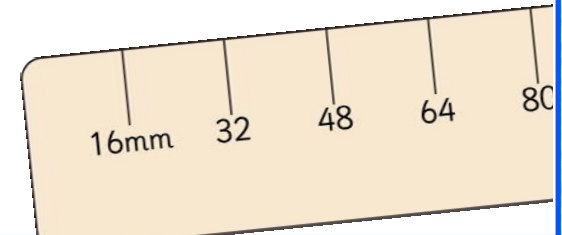
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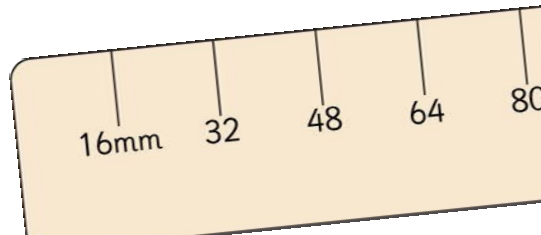
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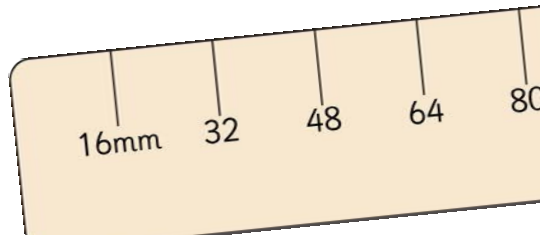
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